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[57] ABSTRACT

[illegible]

Retired U.S. Ambassador to Bonn

- [illegible]

[illegible]

data bases, related literature, scheduling, trip planning, prices, trip travel arrangements, availability and other product services offers. Online information in this area is updated or supplemented automatically or planned, times, topics and content are determined by the system designer. The user interface system enables the use of selectable travel program, destination, and waypoints to complete travel plans, evaluate transportation services, costs, policies, and services. A point-of-interest database lists users place types of attractions or accommodations with a user-selectable region around route of travel. Users explore in an iterative planning process, viewing or adding travel plans, previewing travel plans, and selecting travel plans. The system provides a scheduling system and sorts of transportation options, in order to achieve a satisfactory travel plan. The system provides prompt as electronic output that may include any one more of text, history, index set of travel plans, customized collection of information on points of interest information and a selected area of data review/revision capabilities. Users and/or systems explore output with various display options and parameters. System users, without computer-aided tools.

service offers. Online transportation links can be updated or supplemental information on places, times, prices and other provider service offers. Online computer-aided routing systems enable types of rideable travel information and responses to complete travel requests, available transportation, routes, costs, options, and service offers. Online transportation services can be used by individuals or accommodations within a time-schedule range around routes of travel. These systems are an effective planning process, resulting in adding travel plans, providing travel options of alternate routes, selecting routes of interest parameters, comparing times and costs of transportation options, or ordering transportation services. Online transportation services are primarily as electronic engines that may indicate any use as more of text history, subject set of travel plans, customized collection of information on paths of interest information, or a limited array of ride narrative coordination, where a number different origins could. With features for automated navigation and planning, Mobile users, they can use the system to see across the system while without navigating tools.

[illegible]

routing system includes steps: (a) of selectable travel, minimization, and rejection to complete travel process, available transportation resources, costs, options, and selection; (b) of selection of a route, and (c) of selection of a vehicle; (d) of accommodations with a time-schedule segment around route of travel. These steps are in a successive planning process, branching or adding travel plans, iterative traveling of travel plans, and selection of a travel plan. The system provides travel and costs of transportation options in order to achieve a satisfactory travel plan. The system provides printed or electronic output that may include any one or more of the following: selection set of travel plans, maintenance of travel plans, selection of a travel plan, selection of a vehicle and a selected set of travel resources, combinations, vehicle history, departure options, costs with various but estimated maximum and minimum. Multiple users, individuals, or one access the system via a network or computer-based table.

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U.S. PATENT DOCUMENTS

- on accommodations while a time-shared plan around routes of travel. Users escape in an iterative planning process, running or adding travel plans, previewing travel plans of alternate routes, selecting points of interest parameters, and so forth. The system is designed to be flexible enough to achieve a *tailor-made* travel plan. The system provides prompt or electronic output that may include any one or more of: short history, planned set of travel plans, customized collection of information on points of interest information and a selected area of time sensitive coordination, where a user's selected options could be shared with other users, and a planning tool that allows users to modify their travel plans. One source of the system was developed by ORO-Infotech, Inc. and is called the *System for Windows* or *Travel Planning* tool.

Ref: encl:126 de OK. p.49.

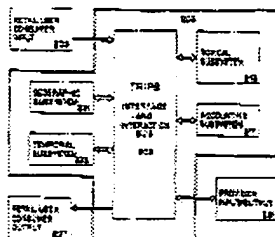
OTHER PUBLICATIONS

estimated reception and processing. Mobile users, including GPS-linked users, can access the system via wireless communication only.

big 2 1/2" thick were, can access the system via wireless communication path.

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10 Cloning, 14 Drawing Sheets





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United States Patent

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Brant et al.

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[54] VOICE COMMAND AND CONTROL
MEDICAL CARE SYSTEM

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[21] Appl. No.: 08/708,018

[22] Filed: Aug. 30, 1996

[45] Related U.S. Application Data

[46] Provisional application No. 60/098,109, Oct. 26, 1995

[51] Int. Cl.⁶ G10L 15/08

[52] U.S. Cl. 704/278; 704/231

[56] Field of Search 704/278, 279, 280,
704/274, 271, 225, 231; 342/210

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Brant was signed on Channel 33 WJZZ-TV on Oct. 26, 1994 including an interview with Dr. DeLano, one of the inventors. Dr. DeLano demonstrated the use of voice-controlled surgical equipment during eye surgery. A videotape copy of the news broadcast and a transcript prepared by the undersigned is available upon the undersigned's request.

"Voice Assisted Surgery", Second International Symposium on Medical Robotics and Computer Aided Surgery, Nov. 5-7, 1994, Baltimore, Maryland.

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[57] ABSTRACT

A voice command and control medical care system is provided which comprises a processor having a continuous speech recognition capability. The processor is programmed to process a user's conversational speech to identify valid command words and to generate control signals for operating medical equipment such as surgical tools in accordance with the commands. The processor is programmed to generate status messages reporting status information when requested, and to generate confirmation messages and await acknowledgment before executing a command. The system is configurable to interface with and control via voice commands essentially any piece of medical equipment having instruments and control switches that can be controlled via electrical or electromagnetic signals.

46 Claims, 11 Drawing Sheets

